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MAY 26, 2000

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MCDONNELL, BOEHNEN, HULBERT & BERGHOF
LAWRENCE H. AARONSON
300 SOUTH WACKER DRIVE - 32ND FLOOR
CHICAGO, ILLINOIS 60606



101310925A

UNITED STATES PATENT AND TRADEMARK OFFICE
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/29/2000

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

VOGEL, MARK O.

DOC DATE: 03/27/2000

ASSIGNOR:

ROBINSON, PHILIP

DOC DATE: 03/23/2000

ASSIGNEE:

3COM CORPORATION
5400 BAYFRONT PLAZA
SANTA CLARA, CALIFORNIA 95052

SERIAL NUMBER: 09538342

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

KIMBERLY WHITE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

101310925

To The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

 Mark O. Vogel
 Philip Robinson
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: 3Com Corporation

Address: 5400 Bayfront Plaza

City: Santa Clara

State: California

Country: U.S.A.

Zip: 95052

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: March 23, 2000 and March 27, 2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: March 23, 2000

A. Patent Application No.(s)

Filing Date

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Lawrence H. Aaronson

Registration No.: 35,818

Company Name: McDonnell, Boehnen, Hulbert & Berghoff

Street Address: 300 South Wacker Drive - 32nd Floor

City: Chicago

State: Illinois

Country: U.S.A.

ZIP: 60606

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

13-2490

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04/05/2000 JRTIS 00000030 09538342

04/05/2000 Statement and signature. 40.00 DP

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Lawrence H. Aaronson

Printed Name of Person Signing

Lawrence H. Aaronson

Signature

Date: March 29, 2000

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

ASSIGNMENT

Case No.: 99,818
Inventors: Mark O. Vogel and Philip Robinson
Date of Execution
of Application:

Serial No.:

Filing Date:

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

3Com Corporation, a corporation of the State of Delaware

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

Method for Improved Cable Modem Ranging in a Data-Over-Cable System

and identified as:

Case No. 99,818

in the offices of McDONNELL BOEHNEN HULBERT & BERGHOFF and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

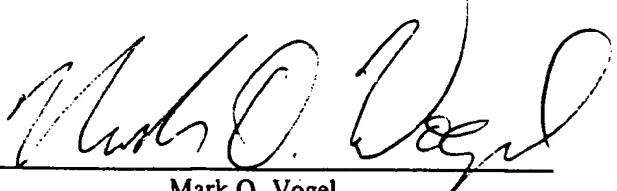
The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted,

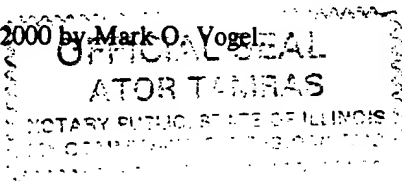
as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 27 day of March, 2000.


Mark O. Vogel

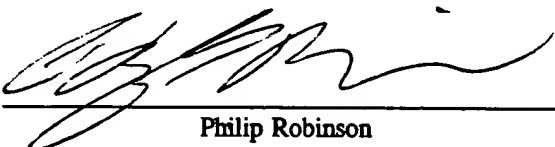
State of Illinois
County of Cook

The foregoing instrument was acknowledged before me this 27th day of
March, 2000 by Mark O. Vogel.



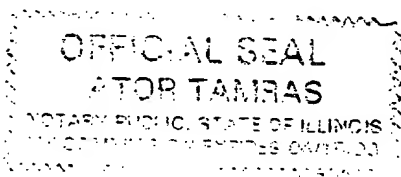

NOTARY PUBLIC


WITNESS my hand and seal this 23 day of March, 2000.


Philip Robinson

State of Illinois
County of Cook

The foregoing instrument was acknowledged before me this 23rd day of
March, 2000 by Philip Robinson.




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